20010328.ba v03_n134.bam.20010328

>From ???@??? Wed Mar 28 22:18:11 2001 -0600
Message-Id: <200103290417.f2T4HS4t021422@sco.theporch.com>
Date: Wed, 28 Mar 2001 22:16:30 CST
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 3134

BOATANCHORS Digest 3134

Topics covered in this issue include:

1) Re: HRO-5TA1 and Selectivity Control: A Question
by Dave Hollander <n7rk@dancris.com>
2) Johnson Invader 2000 Question
by "Freeberg, Scott (STP)" <scott.freeberg@guidant.com>
3) Re: HRO-5TA1 and Selectivity Control: A Question
by "James W. Miller" <jmiller@Basit.COM>
4) WTB TM 11-5820-590-35 manual for PRC-74B
by mikhael_brown@agilent.com
5) BA Literature FS
by Merz Donald S <merz.ds@mellon.com>
6) Professional Looking Front Panels
by "John Gibson" <gibsonj@mindspring.com>
7) Wanted: Halli. S27 Manual
by =?iso-8859-1?Q?Andr=E9_Guibert?= <aguibert@sympatico.ca>
8) 19 set cases ?
by BEN NOCK <G4BXD@compuserve.com>
9) ADMINISTRIVIA: Posting Admin Requests
by listown@nanniandjack.com (Mail List Owner)
10) corporate sleuthing
by Gordon White <gewhite@crosslink.net>
11) Re Beacon receiver
by philip mccoy <dgnova@erols.com>
12) Re ARC commercial receiver
by philip mccoy <dgnova@erols.com>
13) Unknown Mil Connector ID
by "ROBERT W. DOWNS" <RWDowns_WA5CAB@compuserve.com>
14) Re: corporate sleuthing
by john <johnmb@mindspring.com>
15) is there a sub for a 816?
by john <johnmb@mindspring.com>
16) Questions about WS No. 19 Mk. II
by Lenox Carruth <carruth@geo-thermal.com>
17) Re: Questions about WS No. 19 Mk. II
by Jerry Proc <jproc@idirect.com>
18) Re: is there a sub for a 816?

by "Sandy" <ebjr@i-55.com>
19) Re: Unknown Mil Connector ID
by William Donzelli <aw288@osfn.org>
20) RE: Questions about WS No. 19 Mk. II
by Meir Ben-Dror <mbendror@optonline.net>

Message-ID: <3AC1FA5C.544BE58C@dancris.com>
Date: Wed, 28 Mar 2001 14:51:08 +0000
From: Dave Hollander <n7rk@dancris.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: HRO-5TA1 and Selectivity Control: A Question
Content-Type: text/plain; charset=us-ascii; x-mac-type="54455854"; x-mac-creator="4D4F5353"
Content-Transfer-Encoding: 7bit

Hi Jim - Congratulations on your HRO-5 receiver. They are a really neat radio (an awesome Millen design) and a significant piece of ham radio history (not just another boatanchor).

This topic came up the other day at a hamfest and it was mentioned that the HRO-7 has this and my comment was that maybe the last HRO-5's had this option so it is interesting to see your question pop up. This happens to be my favorite receiver.

I have an HRO-7 and three HRO-5TAI's and two have the variable selectivity control. The third one has the switchable selectivity and a different shaped (square) National s-meter. I believe that i saw a picture with the square s-meter in the Osterman book. I also can not get the unit to play with any of the standard coils. Will only work with an older broadcast band coil and the low frequency coil. Does yours have a different s-meter? It is interesting that several books say the HRO-5T is rare yet I have seen dozens of them and have never seen a non "T" for this series.

I have my elmer's HRO-5TAI that he bought in 1946 sitting on my BA desk. As an 11 year old I though it was an awesome receiver despite having top of the line Hallicrafters equipment (maybe it was because it looked neat?). When I finally got around to firing it up last year, I noticed that he had added a VR tube to the oscillator and had added a miniature tube with an adaptor to the oscillator. As a result, it is much more stable than the other HRO-5T. Their are no extra holes so it looks stock.

Be interesting to hear other's comments on the HRO-5's.

Dave N7RK

--
****

Please note new address: n7rk@dancris.com and new web page address

Dave N7RK - Webmaster CADXA
Phoenix, Arizona   *DXCC Honor Roll*   *WAZ#23 - 75 Meter SSB*

ex-XE2/N7RK, N7RK/ZB2, VK2ERK, ZM0AJN, WB6NRK, WN6IWX

Boatanchor Collector Extraordinaire preferring Hallicrafters, National
and what ever else looks interesting!

E-Mail: n7rk@dancris.com   Home Page:
http://www.dancris.com/~n7rk

Visit the Central Arizona DX Association Home page - http://cadxa.org

----
Message-ID: <1D1B8647FA5CD411A02800508BDFD0A001628B10@stpmsx03.stp.guidant.com>
From: "Freeberg, Scott (STP)" <scott.freeberg@guidant.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Johnson Invader 2000 Question
Date: Wed, 28 Mar 2001 08:59:12 -0600
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Hi,

Is there anyone on the BA lists that has experience working with the Johnson Invader 2000?

I am troubleshooting my new Invader 2000 and would like someone to bounce circuit and troubleshooting questions off of.   I am NOT looking for someone to troubleshoot for me nor solve my problems. I will do that. Thanks!

73, Scott WA9WFA

Message-ID: <3AC20381.5570DD26@Basit.com>
Date: Wed, 28 Mar 2001 10:30:10 -0500
From: "James W. Miller" <jmiller@Basit.COM>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>

CC: n7rk@dancris.com
Subject: Re: HRO-5TA1 and Selectivity Control: A Question
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Dave,

Thanks for the comments. Yes my HRO-5RA1 with the switchable selectivity also has the square s-meter. So apparently this is a later design that resembles the HRO-7 to some degree. My coils are stamped with serial# of the HRO. I was not aware that they would not work with the earlier HRO-5RA1/HRO-5TA1 but I'll keep an eye on this.

Dave, its a small world. I remembered your story about your elmer's HRO-5TA1. A few years ago I purchased a military passive audio filter from you. Works great, thanks!

Any another comments etc. about the HRO-5TA1 and Selectivity Control would be very much appreciated. I have jpgs of my HRO-5RA1 if anyone is interested.

73 & tnx, Jim WA2UMP

Message-ID: <999F6F1E8EB8D311AC190090277A772606CBD0B7@axcs08.cos.agilent.com>
From: mikhael_brown@agilent.com
To: Old Tube Radios <boatanchors@theporch.com>
Subject: WTB TM 11-5820-590-35 manual for PRC-74B
Date: Wed, 28 Mar 2001 08:58:56 -0700
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

I am looking for the -35 manual for the PRC-74B. Would like original but a copy will do.

Thanks and 73's

Mike

--
Mikhael Brown   <mikhael_brown@agilent.com>

Message-ID: <20010328154143.5970.qmail@mellon.com>
From: Merz Donald S <merz.ds@mellon.com>
To: Old Tube Radios <boatanchors@theporch.com>

Subject: BA Literature FS
Date: Wed, 28 Mar 2001 10:36:07 -0500
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

BA Literature FS

Eimac Technical Bulletin Set. These are authored by K6BJ, John Reinartz.
They are "originals" but since the originals were just typewritten on plain
paper, being original doesn't mean much. $6 PPD for the set, as follows:
-- Tuna Fish Can RF Bridge Voltmeter
-- Screen and grid modulation of Eimac Tetrodes
-- PI Network Shortcuts
-- The Reduction Of Harmonic Power Output In Amateur Transmitters

Eimac Reference Literature Photocopy Set. This is about 60 pages of
Eimac technical material published 1948 - 1954. Mostly written by K6BJ
(John Reinartz), these are short (4-6 pages) & hand typed. This complete
Eimac photocopy set is $9.00 Postage-paid. The set includes:
BUILD YOUR OWN TRANSMITTER, A GUIDE FOR DESIGNERS, 16pp, 1947
The Tuna Fish Can RF-Bridge Voltmeter
Screen and Grid Modulation of Eimac Tetrodes
The Reduction of Harmonic Power Output in Amateur Transmitters
A Carrier level and Modulation Indicating Meter
Pi Network Shortcuts
A Capacity Antenna For Vertical Heights Less than 1/4 Wavelength
Coupling Circuits Between Stages and To Antenna
Simple Tube Calculations
Tetrode Neutralization Considerations
Untitled (but the subject is audio transformer selection)
Conversion Factors For Power Amplifier Triodes and Pentodes
Increased Audio Without Splatter
A Further Explanation of the Paper "Increased Audio Without Splatter"
Application Bulletin #4: Class C Amplifier Calculations. B&W copy of a
color 4 page brochure. The Eimac 450TL is used as an example. 1948.
Application Bulletin #5: Tube Performance Computor (sic). B&W copy of
a color 4 page brochure with translucent vinyl insert overlay to be
used "with constant current curves to obtain plate, grid and screen
current values; also output and driving power." 1952.

RCA Ham Tips, 9/56 (V16#3)m slight tear and frayed right edge. $0.50
The VHF Amateur. Nice BA VHF magzine. 11/61, 1/62, 4/62. Good condition. $4 PPD
RTTY Journal. 8 issues: $8 PPD
1975: 3
1976: 7/8, 9, 10, 11, 12

1977: 1, 2

Advanced Radio Control by Edward Safford, Tab books, 1965. Good paperback. $5 PPD

--Early transistor designs

Radio Control For Model Builders by Fred Marks, 1972. Hayden Paperback. Good. $5 PPD

--Solid state and commercail gear

Radio Control Handbook by Howard McEntee, Tab Books, 1961. Good Paperback. $5 PPD

--Lots of neat tube designs

ARRL Operating An Amateur Radio Station, 61st ed, 1983. $2
ARRL Antenna Book, 1939, 1st ed., 1st prt. Cover chipped and taped at spine. $2
ARRL How To Become A Radio Amateur, 21st ed., 1962. Good. $4 PPD
ARRL How To Become A Radio Amateur, 23rd ed., 1964. Good. $4 PPD
NRI Radio-Television Electronics Dictionary, 1967. Good. $4 PPD
Review Of International Broadcasting Magazine, 1/84. $0.50
QST 1/57, Good. $0.50
Sams General Clas Amateur License Handbook by Howard Pyle, 1964. Free.
Ameco Radio Amateur Q&A License Guide, 1963. Free
Sams FM Multiplexing For Stereo by Leonard Feldamn, 1972. Good paperback. $4 PPD
Sams ABCs Of Ham Radio by Howard Pyle, 1965. $4 PPD
Radio Shack Short-Wave Listeners Guide by H. Charles Woodruff, 1980. $4 PPD
E.F. Johnson Signal Sentry original brochure, fold marks. $4 PPD
Gross Electronics UHP-2 Transceiver original brochure, VG. $4 PPD
Mallory Vibrapacks Technical Information Bulletin, 1955. VG. $4 PPD
Tristao Tower Co. catalog 5-c, 1969. $1
Dentron All-Band Doublet original manual. $1
GC Electronics Printed Circuit Handbook. 1972. $1
Stromberg Carlson K-21A, K-22A TV Service Notes. 1955. $1

FOR SALE: CATALOGS/ADVERTISING

BTI (Brad Thompson Industries) brochure: The BTI Linear Amplifier. This amp uses an Eimac 3-1000Z. Undated. 2-color, 4-page. Nice. $5 PPD
Cameradio 1961 catalog, some water stains and spine wear. $8 PPD
CDE CDR TR-44 Ham Rotor Service Manual with CDE CDR sales brochure. $6 PPD
CDE CDR Tail Twister Rotor brochure, 1971: $2
Communication Antenna Systems 1967 Catalog with cardboard slide rule antenna

selector calculator. Excellent. $5 PPD
Coto-Coil Radio Products Catalog, undated but it is 1930's vintage. 4 pages. $3
Drake 2NT original sales brochure. Writing on front. $5
E. F. Johnson Brochure: Viking I Transmitter Kit. 4-page. Fold crease and crack at fold on front. Some wear. $6 PPD
ESE Digital Kit Catalog, 1973 (covers a variety of 3-segment planar

incandescent tube displays): $2
Hammarlund SP-200 original sales glossy. Excellent. $9 PPD
Hallicrafters HT-37 bochure. 2-page, B&W. Dated 10/21/59. Fold crease and some age wear. Nice. $9 PPD
Heathkit Catalog # 861 Spring/Summer 1983 with hero robot on the cover. Nice shape. Ham gear includes the fabled SS-9000. $8 PPD
Heathkit KS-1 Power Supply Advance Information Spec Sheet. 2-page, B&W. No photo. $3 PPD
Honeywell Stock Panel meter Catalog 35E, 1966: $2
Howard W. Sams book catalog, 1973: $2
Hunter 2000C Bandit Linear Amplifier brochure. 2-page, 2-color, Very nice. $5 PPD
IAC Double Bazooka Antenna brochure. $2 PPD
International Crystal 1963 Catalog with "add-On-Circuit" sales brochure. Excellent. $6 PPD
International Crystal 1965 catalog. Front cover corner chipped, cover stained. $5 PPD
James Millen brochure: Laboratory and Industrial Grid-Dip Meter, 4-page, 8-1/2x11, covers 90662-A dip meter in detail with sidebars on 90651 and 90661 meters. Excellent. $8 PPD
JFD TV Distribution Systems catalog, 1969: $1
Kantronics KPC-3 brochure, 1982: $1
KLM Summer 1979 catalog. $2 PPD
Koss Electronics Early brochure featuring the SP-3 "Stereophones" and the "Porta-Pak" K-29, undated but 1960's-vintage: $2
Ohmite Ohms Law Calculator. Original 1941 version of the cardboard ohms law slide-rule. Good condition. Trade for any other radio-related slide rule calculator or $8 PPD
Ohmite Parallel Resitance/Ohms Law calculator. Later 1949 version of the ohms law cardboard slide rule has Parallel Resistance calculator on one side and ohms law calculator on the other. I have 3 of these all in good shape to trade for any other radio-related cardboard calculator silde-rule calculator or $6 PPD
RASCO Wireless Catalog #18. 1928 Wireless equipment catalog with excellent line drawings and descriptions of all the early gear for the wireless experimenter. In very good condition with solid covers and binding. Nice. $20 PPD
RCA Automatic Timing Corrector brochure. Catalog B.3270 Preliminary. Undated. 2-page, 2-color. $3 PPD
Sangamo Mica Condensers, 2 pages, undated but it is 1930's vintage: $2
Sylvania crystal diodes brochure and catalog, 1958. 12 pages. Good. $5 PPD
University Loudspeakers sales brochure. 1955. Excellent. $3
Webster Electric: 4 2-sided flyers covering mobile PA systems, mic pre-amp 6095-AB, hi-fi pickups (tonearm/cartridges) and power amp 6093-R. 1934-1935. $4

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DISCLAIMER: The information contained in this e-mail may be confidential and is intended solely for the use of the named addressee. Access, copying or re-use of the e-mail or any information contained therein by any other person is not authorized. If you are not the intended recipient please notify us immediately by returning the e-mail to the originator.

Message-Id: <200103281629.LAA21260@johnson.mail.mindspring.net>
Date: Thu, 29 Mar 2001 08:31:24 -0800
Subject: Professional Looking Front Panels
From: "John Gibson" <gibsonj@mindspring.com>
To: Old Tube Radios <boatanchors@theporch.com>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

I had just finished a control box and wanted it to look good so I labelled it with the rub-on Letraset letters and numbers. It looked good but from experience I knew that the lettering needed protection as it is easily scraped off. In the past my preference was to apply gloss floor varnish with a brush where the letters were. It was good protection but it was rather obvious where the varnish had been applied and over the years the varnish took on a yellow tint.

I thought perhaps if the entire panel received a uniform spray coat of colorless varnish, this problem would be solved. So on the next trip to town I went to the hardware store and found 3 kinds of spray-on varnish, and bought a can of each to experiment with.

I made 3 test panels. Each was given 2 coats of Rustoleum #7792 gloss white enamel , and each had a few Letraset words rubbed on. A different varnish was applied to each and allowed to dry 24 hours.

Test panel 1 was given a spray coat of Krylon #1301 Crystal Clear acrylic.

Test panel 2 was sprayed with Krylon #0501 Crystal Clear Glaze.

Test panel 3 was coated with Krylon #-079 Short Cuts Clear Gloss.

The best varnish would be the one that bonded tightly to the basic gloss white enamel. I thought that a good test would be to run a strip of masking tape across each panel and then rip it off and see if any varnish tore away. The varnish was scored with a razor blade to give the tape edges to work on

Results: Test panel 1. Unsatisfactory, the varnish tore completely off with the masking tape.
Test panel 2. Excellent, no varnish tore off.
Test panel 3. As good as panel 2.

Varnish 2 is also available in a matte finish but has not been tried.

The lettering in those Letraset packets designed for the radio amateur is rather small. I discovered that art supply stores carry Letraset letters and numbers in a large variety of sizes.

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Message-ID: <000901c0b7a7$70b97e40$91f3d1d8@b1yhpg64>
From: =?iso-8859-1?Q?Andr=E9_Guibert?= <aguibert@sympatico.ca>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Wanted: Halli. S27 Manual
Date: Wed, 28 Mar 2001 11:51:33 -0500
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

            Bonjour to All
            Looking for Halli`s model "S27" manual.
            Will pay for original/repro/postage costs to Quebec, Canada
            Sources would also be appreciated.
            Regards
            Andre
            Collector of WW2 Millitary Radios as used by the Canadian Armed
Forces.

------------------------------
Date: Wed, 28 Mar 2001 12:35:42 -0500
From: BEN NOCK <G4BXD@compuserve.com>
Subject: 19 set cases  ?
To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <200103281235_MC2-CA7A-C109@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
      charset=ISO-8859-1
Content-Disposition: inline

Anyone know the significance of the various 19 set cases ?

I have two here now, one the usual type with three long ridges running th=
e
length of
the case both top and bottom, with vario mounting plates on top. =



Another is square, no ridges on top but additional mounting plates for
vario, on the bottom though 2 ridges running the width of the case, ie =

front to back rather than side to side. =
```

So, early designs or what ?

Ben. =

Message-Id: <200103281915.f2SJF9qf019682@osr506.nanniandjack.com>
From: listown@nanniandjack.com (Mail List Owner)
To: Old Tube Radios <boatanchors@theporch.com>
Subject: ADMINISTRIVIA: Posting Admin Requests
Date: Wed, 28 Mar 2001 11:15:00 -0800 (PST)

Gang-

Please accept this periodic posting as it is intended:
A suggestion that will help everyone on the list...

If there is a problem with your email, i.e., the list suddenly stops coming to you, or if you have problems with someone else's mail, PLEASE address any questions to, and seek help from:

listown@nanniandjack.com

There is really no one on the list who can help you with a problem, and if I don't happen to see your post, nothing will happen, except you may irritate the other list members... needlessly.

This is *especially* true of the "XXXX YYYYY your mail is bouncing, please send me a good address"

If your mail to this person is bouncing, in all likelihood, either you have the address a bit wrong, or s/he isn't receiving mail from ANYWHERE *especially* not from the list, which is delivered as "Bulk!"

PLEASE treat the list as a symposium.
In such an environment, with many folks attending who have paid to be here, it is unlikely you would take up the symposium's resources to solve an individual problem with your seating...

So, if you encounter a problem, PLEASE remember to send your questions to me, the one person who can help, at:

listown@nanniandjack.com

Thanks for your attention
--
73
Jack, W4KH/Mobile - - - BoatAnchor Mailing List Owner - - -
listown@nanniandjack.com - "Plus ca change, plus c'est la meme chose"

"Il n'y a que les idiots qui ne changent jamais d'idee"
Wed Mar 28 11:15:00 PST 2001

Message-ID: <3AC25011.96BF0C58@crosslink.net>
Date: Wed, 28 Mar 2001 15:56:49 -0500
From: Gordon White <gewhite@crosslink.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: corporate sleuthing
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I am trying to track down any surviving files, drawings or other history of Aircraft Radio Corporation.

A.R.C. was sold to Cessna on Feb. 2, 1959 and operated as a separate entity until 1983 when the division was sold to the Sperry Corporation and moved from Boonton, N.J. to Phoenix.

Sperry and Burroughs merged to form Unisys Corp. The avionics business MAY have been sold to Loral Corp.

Hoping that someone on these nets may be familiar with Sperry, Unisys or Loral, can anyone find out if any vestige of Aircraft Radio Corp. still exists? Corporate files? Engineering drawing files?

Companies often keep drawing files far longer than other corporate papers.

If anyone has any leads to this history, or to surviving Aircraft radio Corp. personnel, please let me know.

- Gordon White

Message-ID: <3AC288D5.D8FEEFED@erols.com>
Date: Wed, 28 Mar 2001 16:59:01 -0800
From: philip mccoy <dgnova@erols.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re Beacon receiver
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I will add just a little to what Gordon White said.

I know of 3 manufactures who made beacon receivers. The Setchell-Carlson type which you have. A gray one manufactured by Detrola and a third one manufactured by Ranger. The Setchell-Carlson type is the best. It is designed to mount into a standard aircraft instrument hole. Look on the front, you will see 4 screw holes. The sensitivity is good. If I remember correctly, it is designed to couple into a high capacity antenna. Plate and filament supply are 24 volts, so just run 24 volts DC to it along with a pair of earphones, and you are in business. I can photo-copy parts of the manual for you, if you wish.

Philip McCoy dgnova@erols.com

Message-ID: <3AC28D6A.9D992735@erols.com>
Date: Wed, 28 Mar 2001 17:18:34 -0800
From: philip mccoy <dgnova@erols.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re ARC commercial receiver
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

There is a detailed write up of the ARC commercial receiver in QST Octover,1930 page 21. This was designed by ARC and manufactured by Stromberg-Carlson. I don't know about copyrights. If the copyright has expired for this issue, I could scan it and put it on my web site.

You can see the similarities between this receiver and the receiver of the SCR-A?-183. It uses UY-224s instead of the 39s of the military version. But the general outline is the same.

Philip McCoy dgnova@erols.com

Date: Wed, 28 Mar 2001 17:45:55 -0500
From: "ROBERT W. DOWNS" <RWDowns_WA5CAB@compuserve.com>
Subject: Unknown Mil Connector ID
To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <200103281746_MC2-CA79-930A@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
      charset=ISO-8859-1
Content-Disposition: inline

Groups,

In the same "pile" where I just found some more SCR-522 connectors was on=
e
from the same family, but that I had never seen before. And it doesn't
have either the British 10H/ or the Signal Corps PL- number on it. Wonde=
r
whether anyone could help ID it? =

A female cable connector, the plug body is the same diameter (1") as the
2-pin PL-172 or 4-pin PL-167. It has 10 contacts arranged in three
vertical rows, 3, 4, 3. This is itself different from the contact
arrangements on the 522 plugs, which have all of the contacts arranged on=

the circumference of a circle or circles. This one happens to have a
straight backshell. Anyone ever see anything like it? =

73,
Robert Downs
<RWDowns_WA5CAB@compuserve.com>
Houston

Message-Id: <3.0.3.32.20010328180051.00ef335c@mindspring.com>
Date: Wed, 28 Mar 2001 18:00:51 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: john <johnmb@mindspring.com>
Subject: Re: corporate sleuthing
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

A web reference lists this:

Aircraft Radio Corp.
3501 N.W. 74th Ave.
Miami Springs FL 33122
305-513-4500
305-513-4455 Fax

Might be worth a call?
73
John wb5oau/4

At 03:56 PM 3/28/01 -0500, Gordon White wrote:
>   I am trying to track down any surviving files, drawings or other

>history of Aircraft Radio Corporation.
>   A.R.C. was sold to Cessna on Feb. 2, 1959 and operated as a separate
>entity until 1983 when the division was sold to the Sperry Corporation
>and moved from Boonton, N.J. to Phoenix.
>
>   Sperry and Burroughs merged to form Unisys Corp. The avionics
>business MAY have been sold to Loral Corp.
>
>   Hoping that someone on these nets may be familiar with Sperry,
>Unisys or Loral, can anyone find out if any vestige of Aircraft Radio
>Corp. still exists? Corporate files? Engineering drawing files?
>
>   Companies often keep drawing files far longer than other corporate
>papers.
>
>   If anyone has any leads to this history, or to surviving Aircraft
>radio Corp. personnel, please let me know.
>
>   - Gordon White
>
>

Message-Id: <3.0.3.32.20010328204305.00ef5210@mindspring.com>
Date: Wed, 28 Mar 2001 20:43:05 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: john <johnmb@mindspring.com>
Subject: is there a sub for a 816?
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

As a 3B28 is to an 866, is there a better solution to rectification (that's still in a bulb) than an 816?

Thanks
John

Message-ID: <3AC2A22C.214869D1@geo-thermal.com>
Date: Wed, 28 Mar 2001 20:47:08 -0600
From: Lenox Carruth <carruth@geo-thermal.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Questions about WS No. 19 Mk. II
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi, group,

I just got a variometer to go with my Wireless Set No. 19 Mk. II and have some questions about it.

It has a black plastic terminal near the front forward of the left edge of the data plate. I assume that this should be a Pye coax connector. Is this a correct assumption? Is it the same Pye connector that is used on the Transmitter/Receiver?

If this is the input, where is the output? There is a small plate that covers an adjustment and a post on the rear but no other connector.

There are three holes on one side (the bottom?) that could be mounting holes. How does this unit mount to the radio? It is cylindrical. No apparent mounting provisions except the three holes. They look to be about 1/4 inch in diameter and they are threaded. I have not measured them to be certain of their size.

I have searched the web site and can't find the answer to these questions.

Anybody know where I can find an original manual for this set?

Thanks in advance to all that help.

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Lenox

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-------------------------------------------------------------------
Lenox Carruth           Dallas, TX           carruth@geo-thermal.com
Collector of WW-II Communications Equipment and Memorabilia

Wanted:  TBX-8 Antenna, Key, Canvas Case, Accessory Box
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Message-ID: <3AC2A7BA.560F0F43@idirect.com>
Date: Wed, 28 Mar 2001 22:10:50 -0500
From: Jerry Proc <jproc@idirect.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Questions about WS No. 19 Mk. II
Content-Type: text/plain; charset=us-ascii
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```

>

I notice there have been two posts to the list about 19 sets. For those of
you who might not be aware, there is a #19 set
mail list where all the experts congregate. To subscribe, sent blank e-mail
to:

19set-subscribe@yahoogroups.com

The traffic rate is very light.

--
Jerry Proc VE3FAB
e-mail:jproc@idirect.com
http://webhome.idirect.com/~jproc/ve3fab
HMCS HAIDA Historic Naval Ship. Toronto, Ontario

Message-Id: <200103290341.VAA15700@exit1.i-55.com>
From: "Sandy" <ebjr@i-55.com>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: "Boatanchors reflector" <boatanchors@theporch.com>
Subject: Re: is there a sub for a 816?
Date: Wed, 28 Mar 2001 21:36:34 -0600
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

> From: john <johnmb@mindspring.com>
> To: Old Tube Radios <boatanchors@theporch.com>
> Subject: is there a sub for a 816?
> Date: Wednesday, March 28, 2001 7:43 PM
>
> As a 3B28 is to an 866, is there a better solution to rectification
(that's
> still in a bulb) than an 816?
>
> Thanks
> John
>
No! Closest thing would be the old Hytron 866Jr.

73,
Sandy W5TVW

Date: Wed, 28 Mar 2001 23:05:32 -0500 (EST)
From: William Donzelli <aw288@osfn.org>
To: Old Tube Radios <boatanchors@theporch.com>
cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Unknown Mil Connector ID
Message-ID: <Pine.SUN.3.91-FP.1010328230428.28441C-100000@osfn.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> A female cable connector, the plug body is the same diameter (1") as the
> 2-pin PL-172 or 4-pin PL-167. It has 10 contacts arranged in three
> vertical rows, 3, 4, 3. This is itself different from the contact
> arrangements on the 522 plugs, which have all of the contacts arranged on
> the circumference of a circle or circles. This one happens to have a
> straight backshell. Anyone ever see anything like it?

Fair Radio has bucketloads of them, but until they, we, you, or I figure out what they are for, they will probably continue to have bucketloads of them.

William Donzelli
aw288@osfn.org

Date: Wed, 28 Mar 2001 23:17:19 -0500
From: Meir Ben-Dror <mbendror@optonline.net>
Subject: RE: Questions about WS No. 19 Mk. II
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <00a101c0b807$254ae100$0291a8c0@ntwks1.ws19ops.com>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Lenox and Group,

The input connector of the variometer near the front should be a Pye coax connector, just like the one on the front panel of the 19 Set. The output is on the rear in the center of the variometer. In new, unused variometers there is a cover plate which mounts like a flange around the output insulator. Depending on the installation, an interface post was issued which in fact is an insulator with a conductor in the center, which interfaces with a whip antenna in the vehicle, a long wire or a wire feed to the 34 ft. vertical. In regular amateur use with coax-fed resonant antennas (or input to a regular antenna tuner) there is no need for the variometer, since the output of the 807 final to the coax connector on the front panel is around 40 ohms. The variometer is NOT going to load into a coax-fed antenna (50-75 ohm) because it's designed to load into the typically 12 ft. long whip or a

more or less random piece of wire.
The 19 set will produce 18 to 25 W on CW into a nominal 50 ohm load, which you can optimize with a standard antenna tuner.
By the way the variometer has an RF sampling circuit with a diode detector built into it and the DC output from it is fed back to the transceiver through the coax, so you can read it on the meter in the AE position of the meter switch. You tune to maximum AE indication. This reading of course is not available when using a regular antenna tuner, but in that case on usually uses an SWR/power meter anyway...

The variometer is bolted on a base plate (rare to find) which sort of looks like a cradle/flange, it is a plate with 4 mounting holes in the corners, and it's shaped in the middle into a radius which fits the curvature of the variometer. Sort of this shape: _M_ of course the center of the M should be the curve which fits the variometer.

You can order copies of the operator's and maintenance manuals from the Canadian Forces Signals Museum in Kingston, Ontario by following ordering instructions on the 19 Set web site at http://www.qsl.net/ve3bdb .

Good luck and have fun.

73, Meir WF2U

-----Original Message-----
From: owner-boatanchors@theporch.com [mailto:owner-boatanchors@theporch.com]
On Behalf Of Lenox Carruth
Sent: Wednesday, March 28, 2001 9:47 PM
To: Old Tube Radios
Subject: Questions about WS No. 19 Mk. II

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Lenox

Lenox Carruth   Dallas, TX   carruth@geo-thermal.com
Collector of WW-II Communications Equipment and Memorabilia

Wanted: TBX-8 Antenna, Key, Canvas Case, Accessory Box

End of BOATANCHORS Digest 3134
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